

The 400G QSFP-DD FR4 transceiver is a high-performance, cost-effective module supporting a data rate up to 425Gbps, designed for using in 400 Gigabit Ethernet of 2km link length on single mode fiber. On the transmitter side, the optical transmitter integrated with four CWDM EML lasers with center wavelengths of 1271nm, 1291nm, 1311nm and 1331nm. The optical signals are then multiplexed into a single-mode fiber through an industry standard LC connector. On the receiver side, four lanes of optical data streams are optically de-multiplexed by an integrated optical de-multiplexer and transformed to an electrical CAUI-8 compliant output driver.



Standard Parts

No.	Name	Model	DR (Gbps)	TX (Type)	RX (Type)	TX_Min (dBm)	TX_Max (dBm)	RX_Min (dBm)	RX_Max (dBm)	Power Consumption (W)	Reach (km)	Temperature (°C)
1	400G QSFP DD FR4	RDDMC4FN	400	EML CWDM	PIN	-3.3	3.5	-7.3	3.5	<12	2	0~70